

In the Drawings:

Applicant submits herewith Replacement sheet 1/2. The sheet replaces original sheet 1/4 and 2/4. Figs. 1 and 2 on Replacement Sheet 1/2 were labeled prior art. Reference numbers 18, 10 and 16 have been removed from Fig. 1. Reference number 10 has been removed from Fig. 2. Additionally, the coiling and internal structure shown in original Fig. 2 has been clarified. A marked sheet showing where the coiling and internal structure has been clarified, is attached to the action.

Replacement sheet 2/2 replaces original sheet 3/4. Each of the Figures have been formalized to show the lines with sharp representation. Additionally, reference numbers 30, 40, 42, 44 and 46 have been cancelled from Fig. 5.

Original sheet 4/4 having Figs. 6-8 have been cancelled. No new matter has been added.

REMARKS

Items 2-4, Drawings

Applicant has submitted Replacement Sheets 1/2 and 2/2 to replace the drawings on file. The Replacement Sheets address items 2-4 in the Action. The scope and content of changes in the Figures is explained in the section entitled In The Drawings. No new matter was added.

Items 5-6 of Action, Claim Rejections §102(e)

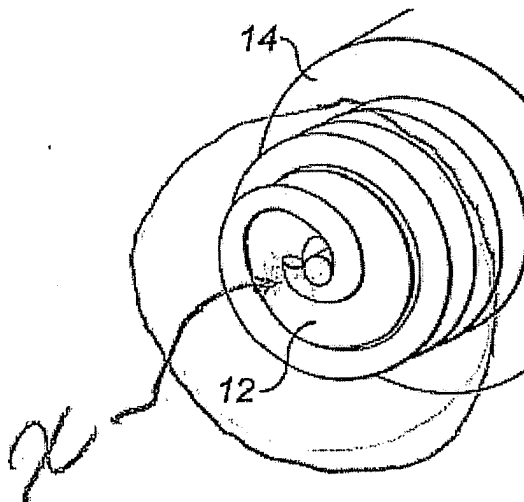
The final action rejects claims 1-6, 10-13, 15, 23 and 32 as anticipated under 35 U.S.C. §102(e) by prior art Figs. 1-2. Applicant respectfully disagrees.

Prior art Figs. 1 and 2 do not disclose the limitations in claims 23 and 32 which reads a single homogeneous wire forms both the coil and the central conductor. The term homogeneous recited in the claims means having a uniform structure. The term single means one. Thus, Applicant's recited claim limitation means that the coil and the conductor form one uniform wire.

Claim 1 makes it clear that the wire is insulated. Thus the wire is distinct from the insulation. It is the wire and not the insulation that has to be uniform. The prior art, as illustrated below, shows a point of non-uniformity at the "X". Thus the prior art does not anticipate claim 1.

To further clarify and distinguish over the art, applicant has amended claim 23 to make it clear the coil 22 and central conductor 24 are a single homogenous conductor.

To further clarify and distinguish over the art applicant has amended claim 32 to recite that a seamless conductor forms a coil and central conductor. As shown at the "X" the prior art wire is not seamless.



The prior art does not anticipate applicants claimed limitations. Accordingly, the rejection to claims 1, 23 and 32 should be withdrawn.

The remaining rejected claims depend from claim 1 and are allowable for the same reasons as is claim 1.

Items 7-9 of Office Action, claim rejections 35 U.S.C. §103

Claims 7, 9, 14 and 16-22 are rejected as being obvious.

These claims all depend from claim 1. None of cited references at items 7-9 of the action are alleged to show a single homogeneous wire. These claims are allowable for the same reasons as is claim 1.

Applicant has addressed each of the objections and rejections in the Action. No new matter has been added. A Notice of Allowance should now issue.

Respectfully submitted,

**HUSCH BLACKWELL SANDERS LLP
WELSH & KATZ**

October 6, 2009

By: 

James B. Conte

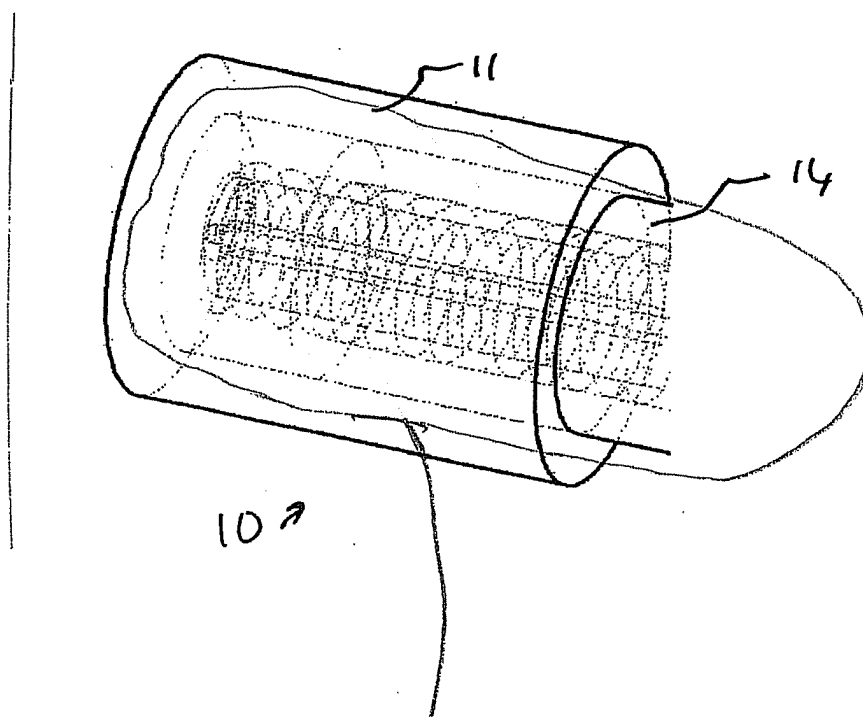
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Marked Sheet

Fig 2.



item clarified